

STORING AND ACCESSING TCP CONNECTION INFORMATION

ABSTRACT OF THE DISCLOSURE

A method and apparatus for storing and accessing connection information is described. A delegated connection table stores an entry for each connection delegated by a TCP stack for processing by an offload unit. A portion of the delegated connection table storing receive buffer information is accessed by the TCP stack without disrupting receive or transmit traffic. The offload unit offloads some TCP processing from a host processor and processes data received on connections not stored in the delegated connection table while accepting incoming data.